

What is claimed is:

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1. A method of updating a computer system, the method comprising:

receiving at least one first set of update information;

5 requesting at least one second set of update information responsive to at least a size of the first set of update information; and

updating the computer system responsive to at least the first set of update information received.

2. The method of claim 1 wherein the updating step comprises deleting at least one set of information, said at least one set of information stored on the computer system prior to the receiving step, responsive to the first set of
5 update information received.

3. The method of claim 1, additionally comprising:

receiving at least one third set of update information;

5 updating the computer system responsive to at least the third set of update information received; and wherein

a difference in times between a performance of each of the receiving the third set of update information and the

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updating the computer system responsive to at least the
first set of update information is larger than at least one
10 selected from:

a difference in times between a performance of each of
the receiving the first set of update information and the
updating the computer system responsive to at least the
first set of update information; and

15 a difference in times between a performance of each of
the receiving the third set of update information and the
updating the computer system responsive to at least the
third set of update information.

4. The method of claim 1 wherein the requesting step
is additionally responsive to a size of an area into which
update information may be stored.

5. A method of updating a computer system, the method
comprising:

requesting on a first occasion a first set of update
information for a first set of information responsive to a
5 list comprising at least one identifier of the first set of
information and at least one identifier of a second set of
information;

receiving the first set of update information
responsive to the request;

10 modifying the first set of information responsive to
the first set of update information received;

requesting on a second occasion, following the first
occasion, a second set of update information for the first
set of information before any update information for the
15 second set of information is requested following the first
occasion.

6. The method of claim 5:

wherein a combination of the first set of update
information and the any update information for the second
set of information exceeds a storage size; and

5 additionally comprising requesting update information
for the second set of information responsive to at least a
size of the second set of update information for the first
set of information not larger than the storage size.

7. The method of claim 6 wherein:

the list has an order; and

the at least one identifier of the first set of
information is ordered prior to the at least one identifier
5 of the second set of information.

8. A computer program product comprising a computer
useable medium having computer readable program code

computer readable program code devices configured to
cause a computer to receive at least one third set of
5 update information;

computer readable program code devices configured to
cause a computer to update the computer system responsive
to at least the third set of update information received;

and wherein a difference in times between an operation
10 of each of the computer readable program code devices
configured to cause a computer to receive the third set of
update information and the computer readable program code
devices configured to cause a computer to update the
computer system responsive to at least the first set of
15 update information is larger than at least one selected
from:

a difference in times between an operation of each of
the computer readable program code devices configured to
cause a computer to receive the first set of update
20 information and the computer readable program code devices
configured to cause a computer to update the computer
system responsive to at least the first set of update
information; and

a difference in times between an operation of each of
25 the computer readable program code devices configured to

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cause a computer to receive the third set of update
information and the computer readable program code devices
configured to cause a computer to update the computer
system responsive to at least the third set of update
30 information.

11. The computer program product of claim 8 wherein
the computer readable program code devices configured to
cause a computer to request are additionally responsive to
a size of an area into which update information may be
5 stored.

12. A computer program product comprising a computer
useable medium having computer readable program code
embodied therein for updating a computer system, the
computer program product comprising:

5 computer readable program code devices configured to
cause a computer to request on a first occasion a first set
of update information for a first set of information
responsive to a list comprising at least one identifier of
the first set of information and at least one identifier of
10 a second set of information;

computer readable program code devices configured to
cause a computer to receive the first set of update
information responsive to the request;

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computer readable program code devices configured to
15 cause a computer to modify the first set of information
responsive to the first set of update information received;

computer readable program code devices configured to
cause a computer to request on a second occasion, following
the first occasion, a second set of update information for
20 the first set of information before any update information
for the second set of information is requested following
the first occasion.

13. The computer program product of claim 12:

wherein a combination of the first set of update
information and the any update information for the second
set of information exceeds a storage size; and

5 additionally comprising computer readable program code
devices configured to cause a computer to request update
information for the second set of information responsive to
at least a size of the second set of update information for
the first set of information not larger than the storage
10 size.

14. The computer program product of claim 13 wherein:
the list has an order; and

the at least one identifier of the first set of
information is ordered prior to the at least one identifier
5 of the second set of information.

15. A system for updating a computer system, the
system comprising:

a holding area manager for identifying and providing
at a size output a size of at least one first set of update
5 information received at an input, and providing a signal at
an update output responsive to at least the size exceeding
a storage amount;

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10 a requester having an input coupled to the holding
area manager size output for receiving the size, the
requester for requesting at an output at least one second
set of update information responsive to the size received
at the requester input; and

an installer/deleter having an input coupled to the
holding area manager update output for receiving the
15 signal, the installer/deleter for updating the computer
system via an output responsive to the signal and at least
the first set of update information received at an update
input.

16. The system of claim 15 wherein the
installer/deleter updates the computer system by generating

at a command output at least one command, responsive to the
first set of update information received, to delete at
5 least one set of information said at least one set of
information stored on the computer system prior to the
holding area manager identifying and providing the size.

17. The system of claim 15, wherein:

the requester additionally requests at the requester
output at least one third set of update information;

the installer/deleter additionally updates the
5 computer system responsive to at least the third set of
update information received at the update input; and

a difference in times between the requester requesting
the third set of update information and the
installer/deleter updating the computer system responsive
10 to at least the first set of update information is larger
than at least one selected from:

a difference in times between the holding area manager
identifying the size of the first set of update information
and the installer/deleter updating the computer system
15 responsive to at least the first set of update information;
and

a difference in times between the requester requesting
the third set of update information and the

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installer/deleter updating the computer system responsive
20 to at least the third set of update information.

18. The system of claim 15 wherein the requester
requests the at least one second set of update information
additionally responsive to a size of an area into which at
least the second set of update information may be stored.

19. A system of updating a computer system, the
system comprising:

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5 a requester having an input for receiving a list
comprising at least one identifier of a first set of
information and at least one identifier of a second set of
information, the requester for:

10 providing at an output during a first occasion a
request for a first set of update information for the
first set of information responsive to the list; and

providing at the output on a second occasion,
following the first occasion, a request for a second
set of update information for the first set of
information before any update information for the
second set of information is requested;

15 a holding area manager having an input for receiving
the first set of update information responsive to the
request; and

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an installer/deleter having an input coupled to the
holding area manager for receiving the first set of update
20 information, the installer deleter for providing at least
one command at an output to modify the first set of
information responsive to the first set of update
information received at the installer/deleter input.

20. The system of claim 19:

wherein a combination of the first set of update
information and the any update information for the second
set of information exceeds a storage size; and

5 the requester is additionally for providing a request
for update information for the second set of information
responsive to at least a size of the second set of update
information for the first set of information not larger
than the storage size.

21. The system of claim 20 wherein:

the list has an order; and

the at least one identifier of the first set of
information is ordered prior to the at least one identifier
5 of the second set of information.